

TABLE OF CONTENTS

University Catalog (Message from the President)	14	Astronomy (ASTR)	170
Catalog Introduction	15	Aviation and Space Education (AVED)	171
About the University	16	Biochemistry (BIOC)	182
Academic Enrichment Programs	24	Biology (BIOL)	186
Administration	26	Biomedical Sciences (BIOM)	196
Undergraduate Admissions	27	Biosystems & Ag Engineering (BAE)	204
International Undergraduate Admissions	32	Business Administration (BADM)	210
Bursar	35	Business Analytics (BAN)	214
Institutional Diversity	39	Business Communications (BCOM)	216
First Year Success	42	Business Honors (BHON)	217
Registrar	44	Career and Technical Education (CTED)	218
Scholarships and Financial Aid	49	Chemical Engineering (CHE)	220
Special Academic Services, Programs and Facilities	52	Chemistry (CHEM)	228
Student Services	63	Chinese (CHIN)	236
Tuition, Fees and Cost Estimates	72	Civil Engineering (CIVE)	237
University Police Services	80	Communication Sci & Disorders (CDIS)	254
Alumni Association, Foundation, OSU Tulsa	85	Comparative Biomedical Sciences (CBSC)	258
Academic Calendar	87	Computer Science (CS)	263
Courses	89	Construction Engineering Technology (CET)	273
Accounting (ACCT)	92	Counseling Psychology (CPSY)	276
Aerospace Studies - Air Force (AERO)	98	Curriculum & Instruction Ed (CIED)	281
African American Studies (AFAM)	100	Dance (DANC)	293
Ag International (AGIN)	101	Design Housing & Merchandising (DHM)	295
Agricultural Communications (AGCM)	102	Diversity (DIVR)	309
Agricultural Economics (AGEC)	105	Economics (ECON)	310
Agricultural Education (AGED)	114	Education (EDUC)	317
Agricultural Education, Communications, and Leadership (AECL)	118	Educational Leadership (EDLE)	318
Agricultural Leadership (AGLE)	120	Educational Psychology (EPSY)	321
Agricultural Systems Technology (AST)	122	Educational Technology (EDTC)	325
Agriculture (AG)	124	Electr & Computer Engineering (ECEN)	328
American Indian Studies (AMIS)	126	Electronics Engineering Technology (EET)	340
American Sign Language (ASL)	127	Engineering & Technology Mgmt (ETM)	344
American Studies (AMST)	129	Engineering (ENGR)	348
Animal Science (ANSI)	132	Engineering Science (ENSC)	354
Anthropology (ANTH)	141	English (ENGL)	356
Architecture (ARCH)	143	Entomology (ENTO)	371
Art (ART)	151	Entrepreneurship & Emerging Enterprises (EEE)	377
Arts & Sciences (A&S)	167	Environmental Science (ENVR)	383
Arts Administration (AADM)	169	Family Financial Planning (FFP)	390
		Finance (FIN)	392
		Fire and Emergency Management Program (FEMP)	397
		Fire Protection & Safety Tech (FPST)	401

Fire Safety & Explosion Protection (FSEP)	405	Master of Athletic Training (MAT)	603
Food Science (FDSC)	407	Master of Business Admin (MBA)	605
Forensic Sciences (FRNS)	412	Master of Public Health (MPH)	606
Foundations of Education and Psychology (FDEP)	420	Materials Sci & Engineering (MSE)	609
French (FREN)	421	Mathematics (MATH)	613
Gender and Women's Studies (GWST)	423	Mechanical & Aerospace Eng (MAE)	628
General Engineering (GENG)	426	Mechanical Engineering Tech (MET)	645
General Technology (GENT)	427	Mechatronics and Robotics (MERO)	650
Genetics (GENE)	428	Microbiology (MICR)	653
Geography (GEOG)	429	Military Science (MLSC)	662
Geology (GEOL)	444	Multimedia Journalism (MMJ)	664
German (GRMN)	455	Music (MUSI)	668
Gifted and Talented Education (GTED)	458	Natural Resource Ecology & Management (NREM)	688
Global Studies (GLST) (Geography)	459	Nursing (NURS)	699
Global Studies (GS) (Global Studies & Partnerships)	461	Nutritional Sciences (NSCI)	702
Graduate (GRAD)	464	Petroleum Engineering (PETE)	712
Greek (GREK)	466	Philosophy (PHIL)	715
Health (HLTH)	467	Physics (PHYS)	724
Health and Human Performance (HHP)	471	Plant Biology (PBIO)	733
Health Care Administration (HCA)	477	Plant Pathology (PLP)	738
Higher Education & Student Affairs (HESA)	481	Plant Science (PLNT)	741
History (HIST)	487	Political Science (POLS)	746
Honors (HONR)	501	Psychology (PSYC)	758
Horticulture (HORT)	505	Recreation Management & Recreational Therapy (RMRT)	769
Hospitality and Tourism Management (HTM)	510	Religious Studies (REL)	773
Human Development & Family Science (HDFS)	518	Research (RES)	775
Human Sciences (HS)	538	Research, Evaluation, Measurement & Statistics (REMS)	776
Industrial Engineering & Management (IEM)	542	Russian (RUSS)	778
Interdisciplinary Toxicology (ITOX)	550	School Psychology (SPSY)	780
Japanese (JAPN)	552	Science & Math Education (SMED)	785
Jazz (JAZZ)	553	Social Foundations (SCFD)	791
Landscape Architecture (LA)	555	Sociology (SOC)	795
Language, Literacy and Culture (LLCE)	559	Soil Science (SOIL)	804
Languages and Literatures (LL)	560	Spanish (SPAN)	808
Latin (LATN)	562	Special Education (SPED)	812
Legal Studies in Business (LSB)	563	Speech Communications (SPCH)	816
Leisure (LEIS)	566	Sports Media (SPM)	818
Library Science (LBSC)	571	Statistics (STAT)	820
Management (MGMT)	572	Strategic Communication (SC)	827
Management Science & Information Systems (MSIS)	582	Theatre (TH)	830
Marketing (MKTG)	590	University (UNIV)	836
Mass Communications (MC)	597	Veterinary Biomedical Sciences (VBSC)	838

Veterinary Clinical Sciences (VCS)	839	Chemistry: Departmental Degree, BS	968
Veterinary Medicine (VMED)	845	Chemistry: Pre-Health/Pre-Law, BS	971
Workforce and Adult Education (WAED)	854	Chemistry: Secondary Teacher Certification, BS	973
Degree Programs	859	Medicinal and Biophysical Chemistry, BS	975
Undergraduate Research (UR), UCRT	879	Communication Sciences and Disorders	978
University Studies, BUS	880	Communication Sciences and Disorders, BS	980
University Studies: Multidisciplinary Studies, BUS	881	Communication Sciences and Disorders (CDIS), Minor	983
University Academic Regulations	882	Communication Sciences and Disorders (CSDC), Undergraduate Certificate	984
College of Arts & Sciences	896	Computer Science	985
Aerospace Studies	901	Applied Computer Programming (APCP), Minor	986
Aerospace Studies (AERO), Minor	902	Computer Science (CS), Minor	987
American Studies	903	Computer Science, BS	988
American Studies (AMST), Minor	904	Departments of Military Studies	991
American Studies, BA	905	Economics	992
American Studies, BS	909	Economics (Arts and Sciences) (ECAS), Minor	993
American Studies: American Indian Studies, BA	913	Economics (Two Options), BA	994
American Studies: American Indian Studies, BS	917	Economics, BS	997
American Studies: Business Essentials, BA	921	English	1000
American Studies: Business Essentials, BS	925	Creative Writing (CRWR), Minor	1003
American Studies: Pre-Law, BA	929	English (ENGL), Minor	1004
American Studies: Pre-Law, BS	932	English, BA	1005
Truth and Reconciliation in the Americas (TRRA), Minor	935	English: Creative Writing, BA	1008
Art, Graphic Design and Art History	936	English: Pre-Law, BA	1010
Art History (ARTH), Minor	938	English: Professional Writing, BA	1013
Art: Art History, BA	939	English: Screen Studies, BA	1015
Art: Graphic Design, BFA	942	Linguistics (LING), Minor	1017
Art: Studio Art, BA	946	Professional Writing (PRWR), Minor	1018
Art: Studio, BFA	949	Screen Studies (SCST), Minor	1019
Pre-Art Therapy (PART), Minor	953	Teaching English to Speakers of Other Languages (TEOU), Undergraduate Certificate	1020
Studio Art (STDA), Minor	954	Gender and Women's Studies	1021
Certificates	955	Gender and Women's Studies (GWST), Minor	1022
Digital Studies (DGST), Undergraduate Certificate	956	Geography	1023
Pre-Health Care Administration (PHCA), Undergraduate Certificate	957	Environmental Studies (EVST), Undergraduate Certificate ...	1026
Pre-Medical Sciences (PMDS), Undergraduate Certificate	958	Geographic Information Systems (GIS), Certificate	1027
Pre-Nursing (PNUR), Undergraduate Certificate	959	Geography (GEOG), Minor	1028
Chemistry	960	Geography, BA	1029
Biochemistry (BIOC), Minor	961	Geography, BS	1032
Biochemistry, BS	962	Geography: Business Essentials, BA	1035
Chemistry (Approved by the American Chemical Society), BS	965	Geography: Business Essentials, BS	1037
Chemistry (CHEM), Minor	967	Geography: Pre-Law, BA	1039

Geography: Pre-Ministry, BA	1041	German, BA	1135
Geospatial Information Science, BS	1043	German: Business Essentials, BA	1138
Global Studies (GLST), Minor	1045	German: Pre-Law, BA	1141
Global Studies, BA	1046	Spanish, BA	1144
Global Studies: Business Essentials, BA	1050	Spanish: Business Essentials, BA	1147
Global Studies: Pre-Law, BA	1053	Spanish: Pre-Law, BA	1150
Global Studies: Pre-Ministry, BA	1056	Mathematics	1153
Geology (Boone Pickens School of Geology)	1059	Mathematics (MATH), Minor	1155
Geology (GEOL), Minor	1060	Mathematics, BA	1156
Geology, BS	1061	Mathematics, BS	1159
Geology: Business Essentials, BS	1064	Mathematics: Actuarial and Financial Mathematics, BS	1163
Geology: Environmental Geology, BS	1066	Mathematics: Applied Mathematics, BS	1166
Geology: Petroleum Geology, BS	1068	Mathematics: Pre-Law, BS	1170
Geology: Pre-Law, BS	1070	Mathematics: Pre-Medical Sciences, BS	1173
Geology: Secondary Teacher Certification, BS	1072	Mathematics: Secondary Teacher Certification, BS	1176
Geophysics (GPHY), Minor	1074	Media and Strategic Communications	1179
History	1075	Multimedia Journalism, BA	1182
History (HIST), Minor	1077	Multimedia Journalism, BS	1185
History, BA	1078	Sports Media, BA	1188
History: Business Essentials, BA	1082	Sports Media, BS	1191
History: Pre-Law, BA	1085	Strategic Communication, BA	1194
Integrative Biology	1088	Strategic Communication, BS	1197
Biology (BIOL), Minor	1090	Strategic Communication: Advertising & Public Relations, BA	1200
Biology, BS	1091	Strategic Communication: Advertising & Public Relations, BS	1203
Biology: Allied Health, BS	1094	Strategic Communication: Entertainment Media, BA	1206
Biology: Environmental Biology, BS	1097	Strategic Communication: Entertainment Media, BS	1208
Biology: Pre-Medical Sciences, BS	1100	Strategic Communication: Social Media, BA	1210
Biology: Secondary Teacher Certification, BS	1103	Strategic Communication: Social Media, BS	1212
Physiology, BS	1105	Microbiology and Molecular Genetics	1214
Physiology: Pre-Medical Sciences, BS	1108	Microbiology (MICR), Minor	1216
Zoology (ZOOL), Minor	1111	Microbiology/Cell & Molecular Biology, BS	1217
Zoology, BS	1112	Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS	1220
Zoology: Ecology and Conservation Biology, BS	1115	Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS	1222
Zoology: Pre-Medical Sciences, BS	1118	Military Science	1224
Zoology: Pre-Veterinary Sciences, BS	1121	Military Science (MLSC), Minor	1225
Zoology: Zoology Secondary Teacher Certification, BS	1124	Minors	1226
Languages and Literatures	1126	Africana Studies (AFAM), Minor	1227
Foreign Language (ASL) (FREN) (GRMN) (CHIN) (JPN) (SPAN) (RUSS) (GREK) (LATN), Minor	1127	American Indian Studies (AMIS), Minor	1228
French, BA	1128	Ancient and Medieval Studies (AAMS), Minor	1229
French: Business Essentials, BA	1131		
French: Pre-Law, BA	1133		

Asian Studies (ASTD), Minor	1230	Plant Biology: Pre-Pharmacy, BS	1310
Central Asian Studies (CAST), Minor	1231	Political Science	1312
Classical Studies (CLST), Minor	1232	Campaigns and Lobbying (CAML), Minor	1314
Cognitive Science (CSCI), Minor	1233	Intelligence and Security Analysis (INSA), Minor	1315
European Studies (EUST), Minor	1234	Law and Legal Studies (LLS), Minor	1316
Hispanic and Latin American Studies (HLAS), Minor	1236	Political Science (POLS), Minor	1317
Middle East Studies (MES), Minor	1237	Political Science, BA	1318
Russian and East European Studies (REES), Minor	1238	Political Science, BS	1321
Multidisciplinary Studies	1239	Political Science: Global Politics, BA	1324
Multidisciplinary Studies, BA	1240	Political Science: Global Politics, BS	1326
Multidisciplinary Studies, BS	1243	Political Science: Practical Politics - Campaigning, Lobbying and Pollicymaking, BA	1328
Multidisciplinary Studies: Business Essentials, BA	1246	Political Science: Practical Politics - Campaigning, Lobbying and Pollicymaking, BS	1330
Multidisciplinary Studies: Business Essentials, BS	1248	Political Science: Pre-Law, BA	1332
Multidisciplinary Studies: Pre-Law, BA	1250	Political Science: Pre-Law, BS	1334
Multidisciplinary Studies: Pre-Law, BS	1252		
Music	1254	Psychology	1336
Jazz (JAZZ), Minor	1256	Communication Studies (CMST), Minor	1337
Music (MUSI), Minor	1257	Neuroscience (NEUR), Minor	1338
Music Composition and Theory (MUCT), Minor	1258	Psychology (PSYC), Minor	1339
Music Education: Instrumental/Vocal Certification, BM	1259	Psychology, BA	1340
Music Industry, BS	1263	Psychology, BS	1344
Music, BA	1266	Psychology: Business Essentials, BA	1347
Music: Performance, BM	1269	Psychology: Pre-Law, BA	1350
Philosophy	1273	Psychology: Pre-Med, BS	1353
Ethics (ETHC), Minor	1275	Psychology: Pre-Occupational Therapy, BS	1357
Philosophy (PHIL), Minor	1276	Psychology: Pre-Physical Therapy, BS	1360
Philosophy, BA	1277	Religious Studies	1363
Philosophy: Ethics and Business Essentials, BA	1280	Religious Studies (REL), Minor	1364
Philosophy: Pre-Law, BA	1282	Sociology	1365
Philosophy: Pre-Ministry, BA	1284	Anthropology (ANTH), Minor	1366
Physics	1286	Criminology and Criminal Justice (CRCJ), Minor	1367
Physics (PHYS), Minor	1288	Social Justice (SOJU), Minor	1368
Physics, BS	1289	Sociology (SOC), Minor	1369
Physics: Applied Physics, BS	1292	Sociology, BA	1370
Physics: Secondary Teacher Certification, BS	1294	Sociology, BS	1373
Plant Biology, Ecology, and Evolution	1296	Sociology: Anthropology, BA	1376
Plant Biology (PLB), Minor	1298	Sociology: Anthropology, BS	1379
Plant Biology, BS	1299	Sociology: Applied Sociology, BA	1382
Plant Biology: Cell Biology and Molecular Genetics, BS	1302	Sociology: Applied Sociology, BS	1385
Plant Biology: Ecology and Evolutionary Biology, BS	1304	Sociology: Pre-Law, BS	1388
Plant Biology: Pre-Forensics, BS	1306	Sociology: Pre-Medical Science, BS	1390
Plant Biology: Pre-Law Environmental Policy, BS	1308		

Statistics	1392	School of Community Health Sciences, Counseling and Counseling Psychology	1466
Applied Statistics (APST), Minor	1393	Health Education and Promotion: Exercise and Health, BS ..	1468
Statistical Data Science (SDSC), Minor	1394	Health Education and Promotion: Public Health, BS	1470
Statistics (STAT), Minor	1395	Nursing, BSN (RN to BSN)	1472
Statistics, BS	1396	Pre-Counseling (PCOU), Minor	1473
Statistics: Actuarial Science, BS	1399	Public Health (PH), Minor	1474
Statistics: Business Essentials, BS	1401	School of Educational Foundations, Leadership and Aviation	1475
Statistics: Data Science, BS	1403	Aerospace Administration and Operations: Aerospace Security (AAAS), Minor	1483
Theatre	1405	Aerospace Administration and Operations: Aerospace Security, BS	1484
Arts Administration, BA	1406	Aerospace Administration and Operations: Aviation Management (AAAM), Minor	1485
Dance (DANC), Minor	1410	Aerospace Administration and Operations: Aviation Management, BS	1486
Theatre (TH), Minor	1411	Aerospace Administration and Operations: Professional Pilot (AAPP), Minor	1487
Theatre, BA	1412	Aerospace Administration and Operations: Professional Pilot, BS	1488
College of Education and Human Sciences	1416	Aerospace Administration and Operations: Technical Service Management, BS	1489
Design, Housing and Merchandising	1422	Creativity Studies (CRST), Minor	1490
Design, Housing & Merchandising: Fashion Design & Production, BSHS	1424	Learning and Motivation (LEMO), Minor	1491
Design, Housing & Merchandising: Interior Design, BSHS	1426	Learning and Motivation, Undergraduate Certificate	1492
Design, Housing & Merchandising: Merchandising, BSHS ...	1428	Unmanned Aircraft Pilot (UAP), Minor	1493
Fashion Design and Production (ADP), Minor	1430	School of Kinesiology, Applied Health and Recreation	1494
Merchandising (MERC), Minor	1431	Applied Exercise Science: Pre-Professional, BS	1496
Sustainable Design (SD), Minor	1432	Applied Exercise Science: Strength and Conditioning, BS	1498
Human Development and Family Science	1433	Recreation Management and Recreational Therapy: Recreation Management, BS	1500
Child Development (CHDV), Minor	1437	Recreation Management and Recreational Therapy: Recreational Therapy, BS	1502
Early Child Care and Development, BSHS	1438	Recreation Management and Recreational Therapy (RMRT), Minor	1504
Family Financial Planning (FFP), Undergraduate Certificate	1439	Sports and Coaching Science (COAS), Minor	1505
Gerontology (GERO), Minor	1440	School of Teaching, Learning and Educational Sciences	1506
Human Development and Family Science: Child and Family Services, BSHS	1441	Elementary Education, BS	1511
Human Development and Family Science: Early Childhood Education, BSHS	1444	Public School Support Specialist for Children At-Risk (PSSC), Minor	1513
Human Development and Family Science: Family & Consumer Sciences Education, BSHS	1446	Secondary Education: English, BS	1514
Human Services (HSVC), Minor	1448	Secondary Education: Foreign Language, BS	1516
Nutritional Sciences	1449	Secondary Education: Social Studies, BS	1518
Nutritional Sciences (NSCI), Minor	1451	Special Education (SPED), Minor	1520
Nutritional Sciences: Allied Health, BSHS	1452	College of Engineering, Architecture and Technology	1521
Nutritional Sciences: Dietetics, BSHS	1454		
Nutritional Sciences: Human Nutrition/Pre-Medical Sciences, BSHS	1456		
Nutritional Sciences: Public Health Nutrition, BSHS	1458		
Professional Education Unit	1460		

Biosystems and Agricultural Engineering	1526	Materials Science and Engineering	1592
Biosystems Engineering: Bioprocessing & Food Processing, BSBE	1528	Mechanical and Aerospace Engineering	1593
Biosystems Engineering: Biosystems Engineering, BSBE	1530	Aerospace Engineering, BSAE	1598
Biosystems Engineering: Environmental and Natural Resources, BSBE	1532	Mechanical Engineering, BSME	1600
Biosystems Engineering: Machine Systems & Agricultural Engineering, BSBE	1534	Mechanical Engineering: Petroleum, BSME	1602
Biosystems Engineering: Pre-Medical, BSBE	1536	Mechanical Engineering: Pre-Medical, BSME	1604
CEAT Dean's Office and CEAT Online Learning	1538	Mechanical Engineering Technology	1606
Nuclear Engineering (NENG), Minor	1539	Mechanical Engineering Technology, BSET	1609
Chemical Engineering	1540	School of Architecture	1611
Chemical Engineering, BSCH	1542	Architectural Engineering: Construction Project Management, BEN	1616
Chemical Engineering: Biomedical/Biochemical, BSCH	1544	Architectural Engineering: Mechanical, Electrical and Plumbing, BEN	1618
Chemical Engineering: Pre-Medical, BSCH	1546	Architectural Engineering: Structures, BEN	1620
Petroleum Engineering (PETE), Minor	1548	Architectural Studies: Architecture and Entrepreneurship (ASAE), Minor	1622
Civil and Environmental Engineering	1549	Architectural Studies: Design (ASDS), Minor	1623
Civil Engineering, BSCV	1551	Architectural Studies: History and Theory (ASHT), Minor	1624
Civil Engineering: Environmental, BSCV	1553	Architecture, BAR	1625
Construction Engineering Technology	1555	Ferguson College of Agriculture	1627
Construction Engineering Technology: Building, BSET	1556	Agricultural Communications	1631
Construction Engineering Technology: Heavy, BSET	1558	Agricultural Communications, BSAG	1632
Division of Engineering Technology	1560	Agricultural Communications: Agribusiness Double Major, BSAG	1634
Construction (CNST), Minor	1562	Agricultural Communications: Animal Science Double Major, BSAG	1636
Mechatronic Engineering Technology for EET Students (EETM), Minor	1563	Agricultural Economics	1638
Mechatronic Engineering Technology for MET Students (METM), Minor	1564	Agribusiness, BSAG	1640
Electrical and Computer Engineering	1565	Agribusiness: Accounting Double Major, BSAG	1642
Computer Engineering, BSCP	1569	Agribusiness: Agricultural Communications Double Major, BSAG	1644
Electrical Engineering, BSEE	1571	Agribusiness: Community and Regional Analysis, BSAG	1646
Electrical Engineering Technology	1573	Agribusiness: Crop and Soil Sciences, BSAG	1648
Electrical Engineering Technology, BSET	1574	Agribusiness: Farm and Ranch Management, BSAG	1650
Electrical Engineering Technology: Computer, BSET	1576	Agribusiness: International, BSAG	1652
Engineering and Technology Management	1578	Agribusiness: Natural Resources, BSAG	1654
Fire and Emergency Management Program	1579	Agribusiness: Pre-Law, BSAG	1656
Emergency Management (EM), Minor	1581	Agribusiness: Pre-Veterinary Business Management, BSAG	1658
Fire Protection and Safety Engineering Technology	1582	Agricultural Economics and Agribusiness (AEAB), Minor	1660
Fire Protection and Safety Engineering Technology, BSET ...	1584	Agricultural Economics, BSAG	1661
Safety and Exposure Sciences (SAES), Minor	1586	Agricultural Real Estate Appraisal (AREA), Minor	1663
Industrial Engineering and Management	1587	Environmental Economics, Politics and Policy (EEPP), Minor	1664
Data Analytics for Engineers (DAEN), Minor	1589		
Industrial Engineering and Management, BSIE	1590		

Agricultural Education	1665	Biosystems Engineering: Machine Systems & Agricultural Engineering, BSBE	1534
Agricultural Education: Agricultural Business and Economics, BSAG	1666	Biosystems Engineering: Pre-Medical, BSBE	1536
Agricultural Education: Agricultural Communications, BSAG	1668	Entomology and Plant Pathology	1735
Agricultural Education: Animal Agriculture, BSAG	1670	Entomology (ENTO), Minor	1737
Agricultural Education: Horticultural Sciences, BSAG	1672	Entomology: Bio-Forensics, BSAG	1738
Agricultural Education: Multidisciplinary, BSAG	1674	Entomology: Insect Biology and Ecology, BSAG	1740
Agricultural Education: Natural Resources, BSAG	1676	Entomology: Pre-Veterinary and Pre-Medical, BSAG	1742
Agricultural Leadership	1678	Pest Management (PEST), Minor	1744
Agricultural Leadership, BSAG	1679	Environmental Sciences	1745
Agricultural Leadership: Extension Education, BSAG	1681	Environmental Science (ENVR), Minor	1746
Agricultural Leadership: International Studies, BSAG	1683	Environmental Science: Environmental Policy, BSAG	1747
Agricultural Leadership (AGLE), Minor	1685	Environmental Science: Natural Resources, BSAG	1749
Animal and Food Sciences	1686	Environmental Science: Water Resources, BSAG	1751
Animal Science (ANSI), Minor	1688	Horticulture and Landscape Architecture	1753
Animal Science: Agricultural Communications Double Major, BSAG	1689	Horticulture: Horticultural Business, BSAG	1755
Animal Science: Agricultural Education Double Major, BSAG	1691	Horticulture: Horticultural Food Safety, BSAG	1757
Animal Science: Animal Biotechnology, BSAG	1693	Horticulture: Horticultural Science, BSAG	1759
Animal Science: Business, BSAG	1695	Horticulture: Landscape Management, BSAG	1761
Animal Science: Livestock Merchandising, BSAG	1697	Horticulture: Public Horticulture, BSAG	1763
Animal Science: Pre-Veterinary Animal Science, BSAG	1699	Horticulture: Turf Management, BSAG	1765
Animal Science: Production, BSAG	1701	Horticulture: Urban Horticulture, BSAG	1767
Animal Science: Ranch Operations, BSAG	1703	Horticulture (HORT), Minor	1769
Equine Enterprise Management (EEM), Undergraduate Certificate	1705	Landscape Architecture, BLA	1770
Food Science (FDSC), Minor	1706	Landscape Management, BSAG	1773
Food Science: Food Industry, BSAG	1707	International Agriculture	1775
Food Science: Food Safety, BSAG	1709	Natural Resource Ecology and Management	1776
Food Science: Meat Science, BSAG	1711	Fisheries and Aquatic Ecology (FAEC), Minor	1778
Food Science: Science, BSAG	1713	Forestry (FOR), Minor	1779
Biochemistry and Molecular Biology	1715	Natural Resource Ecology & Management: Fisheries & Aquatic Ecology, BSAG	1780
Biochemistry (BIOC), Minor	1717	Natural Resource Ecology & Management: Forest Ecology & Management, BSAG	1782
Biochemistry and Molecular Biology, BSAG	1718	Natural Resource Ecology & Management: Rangeland Ecology & Management, BSAG	1784
Biochemistry and Molecular Biology: Pre-Medical or Pre-Veterinary Science, BSAG	1721	Natural Resource Ecology & Management: Wildlife Biology & Preveterinary Science, BSAG	1786
Biosystems and Agricultural Engineering	1724	Natural Resource Ecology & Management: Wildlife Ecology & Management, BSAG	1789
Biosystems Engineering: Bioprocessing & Food Processing, BSBE	1528	Natural Resource Ecology and Management (NREM), Minor	1791
Biosystems Engineering: Biosystems Engineering, BSBE	1530	Rangeland Ecology and Management (REM), Minor	1792
Biosystems Engineering: Environmental and Natural Resources, BSBE	1532	Wildlife Ecology (WLEC), Minor	1793
Plant and Soil Sciences		Plant and Soil Sciences	1794

Agronomy (AGRN), Minor	1796	Management Science and Information Systems	1861
Plant and Soil Sciences: Agronomic Business, BSAG	1797	Data Science (DS), Minor	1863
Plant and Soil Sciences: Crop Production and Management, BSAG	1799	Information Assurance (IA), Minor	1864
Plant and Soil Sciences: Plant Biotechnology and Improvement, BSAG	1801	Management Information Systems (MIS), Minor	1865
Plant and Soil Sciences: Soil and Water Resources, BSAG ..	1803	Management Information Systems, BSBA	1866
Soil Science (SLSI), Minor	1805	Management Information Systems: Data Science, BSBA	1868
School of Global Studies and Partnerships	1806	Management Information Systems: Information Assurance, BSBA	1870
International Studies (INTS), Minor	1809	School of Accounting	1872
Spears School of Business	1811	Accounting (ACCT), Minor	1874
Business Administration	1815	Accounting, BSBA	1875
Economics	1816	Accounting: External Reporting, Control, and Auditing, BSBA	1877
Economics (ECBU), Minor	1817	Accounting: Internal Reporting, Control, and Auditing, BSBA	1879
Economics, BSBA	1818	School of Entrepreneurship	1881
Economics: Business Economics and Quantitative Studies, BSBA	1820	Creativity Studies (CRST), Minor	1883
Economics: Pre-Law, BSBA	1822	Entrepreneurship (EEE), Minor	1884
Finance	1824	Entrepreneurship, BSBA	1885
Energy Finance (EFIN), Minor	1826	School of Marketing and International Business	1887
Finance (FIN), Minor	1827	International Business (INBU), Minor	1890
Finance: Two Options, BSBA	1828	International Business, BSBA	1891
Hospitality and Tourism Management	1830	Marketing (MKTG), Minor	1893
Hospitality and Tourism Management, BSBA	1831	Marketing, BSBA	1894
Hospitality and Tourism Management: Beverage Management, BSBA	1833	Marketing: Marketing Communications Management, BSBA	1896
Hospitality and Tourism Management: Event Management, BSBA	1835	Marketing: Marketing Research and Analytics, BSBA	1898
Management	1837	Marketing: Professional Selling and Sales Management, BSBA	1900
Business Sustainability (BUSS), Minor	1840	Sales and Service Excellence (SSE), Undergraduate Certificate	1902
General Business (GNBU), Minor	1841	The Honors College	1903
General Business, BSBA	1842	Graduate College	1904
General Business: Pre-Law, BSBA	1844	Doctoral	1930
Human Resource Management (HRM), Minor	1846	Agricultural Economics, PhD	1931
Management (MGMT), Minor	1847	Agricultural Education, PhD	1932
Management, BSBA	1848	Animal Science, PhD	1933
Management: Business Sustainability, BSBA	1850	Applied Educational Studies: Aviation and Space Education, EdD	1934
Management: Human Resource Management, BSBA	1852	Biochemistry and Molecular Biology, PhD	1935
Management: Nonprofit Management, BSBA	1854	Biomedical Sciences, PhD	1936
Management: Sports Management, BSBA	1856	Biosystems Engineering, PhD	1938
Nonprofit Management (NPM), Minor	1858	Business Administration: Accounting, PhD	1939
Sports Management (SPMG), Minor	1859	Business Administration: Entrepreneurship, PhD	1940
Sustainable Business Management (SBM), Undergraduate Certificate	1860		

Business Administration: Executive Research, PhD	1941	Geography, PhD	1980
Business Administration: Finance, PhD	1942	Geology, PhD	1981
Business Administration: Hospitality and Tourism Management, PhD	1943	Health, Leisure and Human Performance: Health and Human Performance, PhD	1982
Business Administration: Management, PhD	1944	Health, Leisure and Human Performance: Leisure Studies, PhD	1983
Business Administration: Management Science and Information Systems, PhD	1945	History, PhD	1985
Business Administration: Marketing, PhD	1946	Human Sciences: Human Development and Family Science, PhD	1986
Chemical Engineering, PhD	1947	Industrial Engineering and Management, PhD	1987
Chemistry, PhD	1948	Integrative Biology, PhD	1988
Civil Engineering, PhD	1949	Materials Science and Engineering, PhD	1989
Comparative Biomedical Science, PhD	1950	Mathematics, PhD	1993
Computer Science, PhD	1951	Mechanical and Aerospace Engineering, PhD	1994
Counseling Psychology, PhD	1952	Microbiology, Cell and Molecular Biology, PhD	1995
Crop Science, PhD	1953	Natural Resource Ecology and Management, PhD	1996
Curriculum Studies: College Curriculum and Teaching, PhD	1954	Natural Resource Ecology and Management: Fisheries and Aquatic Ecology, PhD	1997
Curriculum Studies: Curriculum and Leadership, PhD	1955	Natural Resource Ecology and Management: Forest Resources, PhD	1998
Curriculum Studies: International and Peace Curriculum, PhD	1956	Natural Resource Ecology and Management: Rangeland Ecology and Management, PhD	1999
Economics, PhD	1957	Natural Resource Ecology and Management: Wildlife Ecology and Management, PhD	2000
Education: Educational Administration, EdS	1958	Nutritional Sciences, PhD	2001
Education: Educational Technology, PhD	1959	Petroleum Engineering, PhD	2003
Education: Language, Literacy and Culture, PhD	1960	Photonics, PhD	2004
Education: Mathematics Education, PhD	1961	Physics, PhD	2006
Education: School Psychology, EdS	1962	Plant Biology, PhD	2007
Education: Science Education, PhD	1963	Plant Pathology, PhD	2008
Education: Social Foundations of Education, PhD	1964	Psychology: Clinical, PhD	2009
Education: Special Education, PhD	1966	Psychology: Experimental Psychology, PhD	2010
Education: Workforce and Adult Education, PhD	1967	School Administration, EdD	2011
Educational Leadership and Policy Studies: Educational Administration, PhD	1968	School Psychology, PhD	2012
Educational Leadership and Policy Studies: Higher Education, PhD	1969	Sociology, PhD	2013
Educational Psychology: Educational Psychology, PhD	1970	Soil Science, PhD	2014
Educational Psychology: Research, Evaluation Measurement and Statistics, PhD	1971	Statistics, PhD	2015
Electrical Engineering, PhD	1972	Graduate Certificates	2016
English, PhD	1973	Big Data Analytics, GCRT	2017
Entomology, PhD	1974	Bioinformatics, GCRT	2018
Environmental Science, PhD	1975	Brand Communication, GCRT	2019
Fire and Emergency Management Administration, PhD	1976	Building Level Leadership, GCRT	2020
Food Science, PhD	1977	Business Data Mining, GCRT	2021
Forensic Sciences, PhD	1978	Business Sustainability, GCRT	2022

College Teaching, GCRT	2023	Statistical Methods and Analyses in Educational and Behavioral Sciences, GCRT	2062
Comparative and International Education, GCRT	2024	Teaching English to Speakers of Other Languages, GCRT ...	2063
Developmental Disabilities, GCRT	2025	Workforce and Adult Education, GCRT	2064
Dietetics, GCRT	2026	Master's Degrees	2065
District Level Leadership, GCRT	2027	Accounting, MS	2067
Educational and Psychological Measurement, GCRT	2028	Accounting: Corporate Finance, MS	2068
Effective Teaching in Elementary Schools, GCRT	2029	Accounting: Data Analytics & Systems, MS	2069
Effective Teaching in Secondary Schools, GCRT	2030	Accounting: Financial Reporting & Auditing, MS	2070
Elementary Mathematics Specialist, GCRT	2031	Accounting: Tax, MS	2071
Engineering and Technology Management, GCRT	2032	Agricultural Communications, MS	2072
Entrepreneurship, GCRT	2033	Agricultural Economics, MS	2073
Environmental Science with Regulatory Certifications, GCRT	2034	Agricultural Education and Leadership, MS	2074
Family Financial Planning, GCRT	2035	Animal Science, MS	2075
Forensic Arson, Explosives, Firearms, and Toolmarks Investigation, GCRT	2036	Applied Statistics, MS	2076
Forensic Psychology, GCRT	2037	Art History, MA	2077
Global Issues, GCRT	2038	Athletic Training, MAT	2078
Grassland Management, GCRT	2039	Aviation and Space, MS	2079
Health Analytics, GCRT	2040	Biochemistry and Molecular Biology, MS	2080
Health Care Administration, GCRT	2041	Biomedical Sciences, MS	2081
Health Care Administration: Finance, GCRT	2042	Biosystems Engineering, MS	2083
Health Care Administration: Global Health, GCRT	2043	Business Administration, MBA	2084
Human Resource Management, GCRT	2044	Business Administration: Accounting, MBA	2086
Infant Mental Health, GCRT	2045	Business Administration: Business Sustainability, MBA	2087
Information Assurance, GCRT	2046	Business Administration: Data Science, MBA	2088
Integrative Design of Building Envelope, GCRT	2047	Business Administration: Economics, MBA	2089
Interdisciplinary Toxicology, GCRT	2048	Business Administration: Energy Business, MBA	2090
International Disaster and Emergency Management, GCRT	2049	Business Administration: Entrepreneurship, MBA	2091
K-12 STEM Educator, GCRT	2050	Business Administration: Finance Investment Banking, MBA	2092
Marketing Analytics, GCRT	2051	Business Administration: Global Marketing, MBA	2093
Medical Sciences, GCRT	2052	Business Administration: Hospitality and Tourism Management, MBA	2094
Museum and Curatorial Studies, GCRT	2053	Business Administration: Human Resource Management, MBA	2095
Non-Profit Management, GCRT	2054	Business Administration: Information Assurance, MBA	2096
Online Teaching, GCRT	2055	Business Administration: Marketing Analytics, MBA	2097
Program Evaluation, GCRT	2056	Business Administration: Nonprofit Management, MBA	2098
Public Health in Rural and Underserved Communities, GCRT	2057	Business Administration: Risk Management, MBA	2099
Recreation and Leisure Management, GCRT	2058	Business Analytics and Data Science, MS	2100
School Library Certification, GCRT	2059	Business Analytics and Data Science: Advanced Data Science, MS	2101
Special Education, GCRT	2060	Business Analytics and Data Science: Cybersecurity Analytics, MS	2102
Sport Communication, GCRT	2061		

Business Analytics and Data Science: Health Analytics, MS	2103	Entrepreneurship, MS	2142
Business Analytics and Data Science: Marketing Analytics, MS	2104	Environmental Science, MS	2143
Chemical Engineering, MS	2105	Environmental Science: Environmental Management Professional Science Masters, MS	2144
Chemistry, MS	2106	Family and Consumer Sciences Education, MS	2145
Civil Engineering, MS	2107	Family Financial Planning, MS	2146
Communication Sciences and Disorders, MS	2108	Fire and Emergency Management Administration, MS	2147
Comparative Biomedical Science, MS	2109	Food Science, MS	2149
Computer Science, MS	2110	Forensic Sciences, MS	2150
Counseling: Mental Health Counseling, MS	2111	Forensic Sciences: Arson, Explosives, Firearms and Toolmarks Investigation, MS	2151
Counseling: School Counseling, MS	2112	Forensic Sciences: Forensic Document Examination, MS	2152
Design, Housing & Merchandising: Apparel Design and Production, MS	2114	Forensic Sciences: Forensic Science Administration, MS	2153
Design, Housing & Merchandising: Interior Design, MS	2115	General Agriculture: Agribusiness, MAG	2154
Design, Housing & Merchandising: Merchandising, MS	2116	General Agriculture: Agricultural Leadership, MAG	2155
Design, Housing & Merchandising: Retail Merchandising Leadership, MS	2117	Geography, MS	2156
Dietetics, MS	2118	Geology, MS	2157
Economics, MS	2119	Global Health, MS	2159
Educational Leadership Studies: College Student Development, MS	2120	Global Studies, MS	2160
Educational Leadership Studies: Higher Education, MS	2121	Graphic Design, MFA	2161
Educational Leadership Studies: School Administration, MS	2122	Health and Human Performance: Applied Exercise Science, MS	2162
Educational Psychology, MS	2123	Health and Human Performance: Health Promotions, MS ...	2163
Educational Psychology: Educational Psychology, MS	2124	Health and Human Performance: Physical Education, MS ...	2164
Educational Psychology: Research, Evaluation, Measurement and Statistics, MS	2125	Health Care Administration, MS	2165
Educational Psychology: School Psychometrics, MS	2126	History, MA	2166
Educational Technology: Educational Technology, MS	2127	Horticulture, MS	2167
Educational Technology: School Library Media, MS	2128	Hospitality and Tourism Management, MS	2168
Electrical Engineering, MEN	2129	Human Development and Family Science: Applied Human Services, MS	2170
Electrical Engineering, MS	2130	Human Development and Family Science: Developmental and Family Sciences, MS	2171
Engineering and Technology Management, MS	2131	Human Development and Family Science: Early Childhood Education, MS	2172
Engineering Technology: Fire Safety and Explosion Protection, MS	2132	Human Development and Family Science: Family and Community Services, MS	2173
Engineering Technology: Mechatronics & Robotics, MS	2134	Human Development and Family Science: Gerontology (Internet-Based Program), MS	2174
English, MA	2136	Human Development and Family Science: Marriage and Family Therapy, MS	2175
English: Creative Writing, MFA	2137	Industrial Engineering and Management, MS	2176
English: Professional Writing, MA	2138	Information Assurance, MS	2177
English: Teaching English to Speakers of Other Languages, MA	2139	Integrative Biology, MS	2178
Entomology and Plant Pathology: Entomology, MS	2140	Interdisciplinary Studies, MS	2179
Entomology and Plant Pathology: Plant Pathology, MS	2141	International Agriculture, MAG	2180

International Agriculture, MS	2181	Teaching, Learning and Leadership: Curriculum and Leadership Studies, MS	2225
Leisure Studies, MS	2183	Teaching, Learning and Leadership: Elementary/Middle/Secondary Ed/K-12 Ed, MS	2226
Management Information Systems, MS	2184	Teaching, Learning and Leadership: Gifted and Talented Education, MS	2228
Management Information Systems: Application Development, MS	2185	Teaching, Learning and Leadership: Mathematics/Science Education, MS	2229
Management Information Systems: Data Science, MS	2186	Teaching, Learning and Leadership: Reading and Literacy, MS	2230
Mass Communications, MS	2187	Teaching, Learning and Leadership: Special Education, MS	2231
Materials Science and Engineering, MS	2189	Teaching, Learning and Leadership: Workforce and Adult Education, MS	2232
Mathematics, MS	2191	Theatre, MA	2233
Mechanical and Aerospace Engineering, MEN	2193	Center for Health Sciences	2234
Mechanical and Aerospace Engineering, MS	2194	College of Veterinary Medicine	2240
Mechanical and Aerospace Engineering: Unmanned Aerial Systems, MS	2195	Degree Programs	2244
Microbiology, Cell and Molecular Biology, MS	2196	Comparative Biomedical Sciences, MS	2109
Music: Applied Music, MM	2197	Comparative Biomedical Sciences, PhD	1950
Music: Conducting, MM	2198	Veterinary Medicine, DVM	2247
Natural Resource Ecology and Management, MS	2199	Veterinary Clinical Sciences	2249
Natural Resource Ecology and Management: Fisheries and Aquatic Ecology, MS	2200	Veterinary Pathobiology	2250
Natural Resource Ecology and Management: Forest Resources, MS	2201	Physiological Sciences	2251
Natural Resource Ecology and Management: Rangeland Ecology and Management, MS	2202	Index	2252
Natural Resouce Ecology and Management: Wildlife Ecology and Management, MS	2203		
Nutritional Sciences: Dietetics (Internet-Based Program), MS	2204		
Nutritional Sciences: Dietetics Research, MS	2205		
Nutritional Sciences: Nutrition, MS	2207		
Petroleum Engineering, MS	2209		
Philosophy, MA	2210		
Physics, MS	2211		
Physics: Optics and Photonics, MS	2212		
Plant and Soil Sciences, MS	2213		
Plant Biology, MS	2214		
Political Science, MA	2215		
Public Health: Rural and Underserved Populations, MPH	2216		
Quantitative Financial Economics, MS	2218		
Social Foundations of Education, MA	2219		
Sociology, MS	2220		
Statistics, MS	2221		
Teaching: Elementary, MATT	2222		
Teaching: Secondary Mathematics, MATT	2223		
Teaching: Secondary Science, MATT	2224		